



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 9321

| | | | | |
|-----------------------------|---------------------------------------|--------------|------------------------|------------------------------------|
| SERIAL NUMBER 10/816,025 | FILING DATE 03/31/2004 RULE | CLASS 361 | GROUP ART UNIT 2835 | ATTORNEY DOCKET NO. 42P19252 |
|-----------------------------|---------------------------------------|--------------|------------------------|------------------------------------|

APPLICANTS

Himanshu Pokharna, San Jose, CA;

Eric DiStefano, Livermore, CA;
Rajiv K. Mongia, Portland, OR;

** CONTINUING DATA ***** None

** FOREIGN APPLICATIONS ***** None

IF REQUIRED, FOREIGN FILING LICENSE GRANTED

** 06/14/2004

| | | | | |
|---|---------------------------|------------------------|-----------------------|----------------------------|
| Foreign Priority claimed <input type="checkbox"/> yes <input checked="" type="checkbox"/> no | STATE OR COUNTRY CA | SHEETS DRAWING 6 | TOTAL CLAIMS 29 | INDEPENDENT CLAIMS 5 |
| 35 USC 119 (a-d) conditions met <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after Allowance | | | | |
| Verified and Acknowledged Examiner's Signature <i>Zachary Lape</i> Initials <i>zp</i> | | | | |

ADDRESS

08791
 BLAKELY SOKOLOFF TAYLOR & ZAFMAN
 12400 WILSHIRE BOULEVARD
 SEVENTH FLOOR
 LOS ANGELES , CA
 90025-1030

TITLE

Methods to improve heat exchanger performance in liquid cooling loops

| | | |
|------------------------------------|---|--|
| FILING FEE RECEIVED 1104 | FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following: | <input type="checkbox"/> All Fees |
| | | <input type="checkbox"/> 1.16 Fees (Filing) |
| | | <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) |
| | | <input type="checkbox"/> 1.18 Fees (Issue) |
| | | <input type="checkbox"/> Other _____ |
| | | <input type="checkbox"/> Credit |